

PRE-CRUISE NARRATIVE

Sale Name:	Standoff Timber Sale	Region:	Northwest
App. #:	30-074664	District:	Baker
Contact forester:	Sharon Rittich	Phone/ location:	360-592-2311
Alternate contact:	Doug Hooks	Phone/ location:	360-592-2311

UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #	Legal Descr. Sec/Twp/Rng	Grant	Gross acres	Net acres	Method of acreage determination (compass chain traverse, photo, declination used, etc)	Error of closure
1	T37N/R06E/Sect. 6 T38N/R06E/Sect. 31	01, 03	69.2	68.1	GPS • 9 AC in existing Rd	1:0 R/W
Total			69.2	68.1		

HARVEST PLAN AND SPECIAL CONDITIONS:

Unit #	Harvest prescription: (mark leave, take, etc)	Special management areas:	Other conditions (# leave trees, etc.)
1	All timber is to be removed from within timber sale boundary tags, excluding blue painted trees, and trees within yellow leave tree tags.	None.	There are 0.2 acres of green tree clumps in the unit. A total of 490 leave trees have been scattered throughout the unit.

OTHER PRE-CRUISE INFORMATION:

Unit #	Estimated Volume	Access information (Gates, locks, etc.)	Photos, traverse maps required
1	2.3 MMBF	Access is via the JP-1000 mainline off of Mosquito Lake County road. There is a gate with an F1-2 lock at the entrance to the road.	Timber Sale map Vicinity map

REMARKS:

Unit 1 is bounded by Timber Sale boundary tags with pink flashers adjacent to mature timber. There is pink flagging and a nursery tag at each traverse station. Acreages for existing roads and green tree clumps have been subtracted from gross area.

Prepared by: Sharon Rittich, Forester 1, Kulshan Unit

Title: Standoff Timber Sale

Cruise Narrative

Sale Name:	STANDOFF	Region:	NORTHWEST
App. #:	74664	District:	BAKER
Lead cruiser:	JIM PAST	Completion date:	12/18/03
Other cruisers on sale:	NONE		

Unit acreage specifications:

Unit #	Cruised acres	Cruised acres agree with sale acres? Yes/No	If acres do not agree explain why.
1	68.1	YES	
Total	68.1	YES	

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Expansion factor (BAF, full/half)	Sighting height (4.5 ft, 16 ft.)	Grid size (Plot spacing or % of area)	Plot ratio (cruise: count)	Total number of plots
1	VP	54.45	4.5	300X200	1:1	44

Sale/Cruise Description:

Minor species cruise intensity:	VP CRUISED MINOR SPECIES WITH THE SAME INTENSITY AS MAJOR SPECIES. NOTICED A FEW ALDERS BUT DID NOT PICK UP ANY ON PLOTS.					
Minimum cruise spec:	MINIMUM DBH = 8 INCHES MINIMUM TOP DIAMETER = 5 INCHES OR 40% OF 16'. LOG LENGTHS = 32'					
Avg ring count by sp:	DF =	8	WH =	8	SS =	
Leave/take tree description:	TAGGED OUT LEAVE TREE CLUMPS = 0.2 ACRES WHICH WAS DEDUCTED FROM GROSS SALE ACRES. 490 SCATTERED LEAVE TREES ARE MARKED WITH BLUE PAINT AND WERE NOT CRUISED WHEN ENCOUNTERED ON PLOTS. (A TOTAL OF 16 BLUE TREES WERE ENCOUNTERED ON 44 PLOTS)					
Other conditions						

Field observations:

NICE SALE LAYOUT.

Grants: 01=63.1 ACRES_____ 03=5 ACRES_____

Prepared by: JIM PAST

Title: NORTHWEST REGION FOREST CRUISER

CC:

TC PSTATS			PROJECT STATISTICS						PAGE 1			
			PROJECT		STANDOFF		DATE		11/23/2004			
TWP	RGE	SC	TRACT	TYPE	ACRES		PLOTS	TREES	CuFt	BdFt		
37N	06E	06	STANDOFF	U1	68.10		44	189	S	W		
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES					
TOTAL			44	189	4.3							
CRUISE			22	91	4.1	19,415	.5					
DBH COUNT												
REFOREST												
COUNT			22	98	4.5							
BLANKS												
100 %												
STAND SUMMARY												
			SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR			61	176.5	12.1	71	40	139.8	19,401	19,092	4,531	4,529
WHEMLOCK			21	94.3	11.8	71	15	71.8	10,995	10,132	2,399	2,402
WR CEDAR			9	14.2	17.0	65		22.3	2,639	1,691	726	726
TOTAL			91	285.1	12.3	71		233.9	33,035	30,915	7,657	7,657
			COEFF	SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.		
SD:	1		VAR.	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			158.0	16.6	120	144	168					
WHEMLOCK			251.6	26.4	26	35	44					
WR CEDAR			368.5	38.6	8	13	18					
TOTAL			112.8	11.8	169	192	215	509	260	127		
			COEFF	TREES/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			89.8	13.5	153	177	200					
WHEMLOCK			87.0	13.1	82	94	107					
WR CEDAR			194.9	29.4	10	14	18					
TOTAL			57.4	8.6	260	285	310	132	67	33		
			COEFF	BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			65.8	9.9	126	140	154					
WHEMLOCK			87.8	13.2	62	72	81					
WR CEDAR			199.5	30.1	16	22	29					
TOTAL			42.8	6.4	219	234	249	73	37	18		
			COEFF	NET BF/ACRE				# OF PLOTS REQ.		INF. POP.		
SD:	1		VAR.	S.E.%	LOW	AVG	HIGH	5	7	10		
DOUG FIR			61.3	9.2	17,329	19,092	20,856					
WHEMLOCK			93.1	14.0	8,710	10,132	11,555					
WR CEDAR			210.9	31.8	1,153	1,691	2,228					
TOTAL			46.4	7.0	28,753	30,915	33,078	86	44	22		

TC		PSPCSTGR		Species, Sort Grade - Board Foot Volumes (Project)																
<div>T37N R06E S06 TyU168.10</div>				Project: STANDOFF												Page 1				
				Acres 68.10												Date 11/23/2004				
																Time 7:25:11AM				
S Spp	So T	Gr rt	ad	% Net BdFt	Bd. Ft. per Acre Def%GrossNet			Total Net MBF	Percent of Net Board Foot Volume								Average Log			Logs
									Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	Per /Acre
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99				
DF	DM2S	27			5,196	5,196	354		13	58	29			100	32	230	1.62	22.6		
DF	DM3S	51			2.4	10,123	9,880	673	7	92	2		1	1	98	31	65	0.50	152.6	
DF	DM4S	22			1.6	4,082	4,017	274	89	11			27	24	49	16	16	0.24	258.1	
DF Totals		62			1.6	19,401	19,092	1,300	22	53	17	8	6	6	88	22	44	0.48	433.4	
WH	DM2S	17			10.3	2,003	1,796	122			76	24			100	32	193	1.42	9.3	
WH	DM3S	62			5.3	6,635	6,283	428	6	90	4			1	99	32	65	0.48	96.2	
WH	DM4S	21			12.9	2,356	2,053	140	79	21			13	25	63	15	14	0.23	145.8	
WH Totals		33			7.8	10,995	10,132	690	20	60	16	4	3	6	92	22	40	0.44	251.3	
RC	DM3S	96			36.1	2,565	1,639	112	14	71	15	1		5	95	31	69	0.94	23.9	
RC	DM4S	4			30.9	75	52	4	34	66			34	66		6	5	0.38	10.1	
RC Totals		5			35.9	2,639	1,691	115	14	71	14	1	1	7	92	24	50	0.90	34.0	
Totals					6.4	33,035	30,915	2,105	21	56	16	6	5	6	90	22	43	0.48	718.7	